

Amendments to the Claims

1. *(Currently Amended)* An electronic device (100), comprising:
 - a first wireless transceiver module (120) using a first communication protocol;
 - a second wireless transceiver module (140) using a second communication protocol, the second wireless transceiver module (140) comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol; and
 - a mediator (160) coupled between the first wireless transceiver module (120) and the second wireless transceiver module (140), the mediator (160) being arranged to provide the controller with a blocking signal in response to an enabled communication involving the first wireless transceiver module (120).
2. *(Currently Amended)* An electronic device (100) as claimed in claim 1, wherein the controller implements at least a part of a carrier sense multiple access - collision avoidance principle.
3. *(Currently Amended)* An electronic device as claimed in claim 1, wherein the first wireless transceiver module (120) and the second wireless transceiver module (140) share at least a part of a physical layer (110).
4. *(Currently Amended)* An electronic device (100) as claimed in claim 1, wherein the mediator is arranged to provide the blocking signal during a time interval matching the duration of the enabled communication.
5. *(Currently Amended)* An electronic device (100) ~~as claimed in claim 1 or 4, as claimed in claim 1,~~ wherein the first wireless transceiver module (120) comprises a further controller for avoiding an interference with a further external signal on a frequency of the first communication protocol;

the mediator (160) being further arranged to provide the further controller with a further blocking signal in response to a further enabled communication involving the second wireless transceiver module (140).

6. (*Original*) A method for controlling communications involving a communication system, the communication system comprising:

 a first wireless transceiver module using a first communication protocol;
 a second wireless transceiver module using a second communication protocol, the second wireless transceiver module comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol;

 the method comprising the steps of:
 detecting an enabled communication involving the first wireless transceiver module; and
 providing the controller with a blocking signal in response to the enabled communication.

7. (*Currently Amended*) A communication system (300), comprising:

 a wired network (360);
 a first wireless transceiver module (320) coupled to the wired network (360) using a first communication protocol for communicating with a first external device (322);

 a second wireless transceiver module (340) coupled to the wired network (360) using a second communication protocol for communicating with a second external device (342), the second wireless transceiver module (360) comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol; and

 a mediator (380) coupled to the first wireless transceiver module (320) and the second wireless transceiver module (340) for providing the controller with a blocking signal in response to an enabled communication involving the first wireless transceiver module (320).

8. (*Currently Amended*) A communication system (300) as claimed in claim 7, wherein the mediator (380) is coupled to the controller via the wired network (360).

9. (*Currently Amended*) A communication system (300) ~~as claimed in claim 7 or 8, as claimed in claim 7,~~ wherein the first wireless transceiver module (320) comprises a further controller for avoiding an interference with a further external signal on a frequency of the first communication protocol; and

the mediator (380) is arranged to provide the further controller with a further blocking signal responsive to a further enabled communication involving the second wireless transceiver module.

10. (*Currently Amended*) A communication system as claimed in claim 7, wherein the first transceiver module (320) and the second transceiver module (340) share at least a part of a physical layer.